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# **magicolor<sup>®</sup> 2200**

## **Installation Guide**

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**1800615-001B**

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## Thank You

Thank you for purchasing a magicolor 2200. You have made an excellent choice. Your magicolor 2200 is specially designed for optimal performance in Windows, Macintosh, and networking environments.

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## Registering the Printer

**Mail**—Fill out and send in the registration card enclosed in your shipment.

**Internet**—[www.qms.com/support/prodreg](http://www.qms.com/support/prodreg) (US only)

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# Getting Acquainted with Your Printer

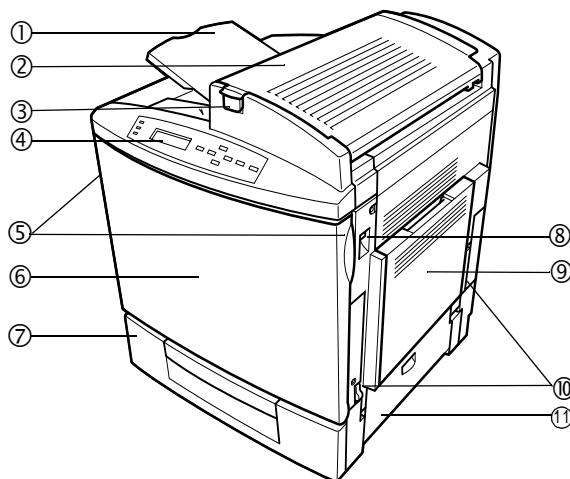
## Model-Specific Features

Features/Model	N	GN	EN	DP
Print Speed	5/20*	5/20*	5/20*	5/20*
SDRAM	64 MB	128 MB	128 MB	256 MB
Resolution	600 x 600 dpi	1200 x 1200 dpi	1200 x 1200 dpi	1200 x 1200 dpi**
500-sheet Letter/ A4/Legal Upper Media Tray	●	●	●	●
Multipurpose Tray	●	●	●	●
Internal IDE Hard Disk	○	○	●	●
Time-of-Day Clock	○	○	●	●
Lower Feeder Unit	○	○	○	●
Duplex Unit	○	○	○	●
Number of Cartons in Shipment	1	1	1	3***
<b>Notes</b>	<p>*5 = color; 20 = monochrome black.</p> <p>**Full-speed duplexing at 1200 x 1200 dpi printing with most media sizes.</p> <p>***If you don't receive all 3 cartons, contact your shipping company or local vendor.</p> <p>● = Standard</p> <p>○ = Optional</p>			

The drawings on these pages illustrate the parts of your printer referred to throughout this guide, so please take some time to become familiar with them.

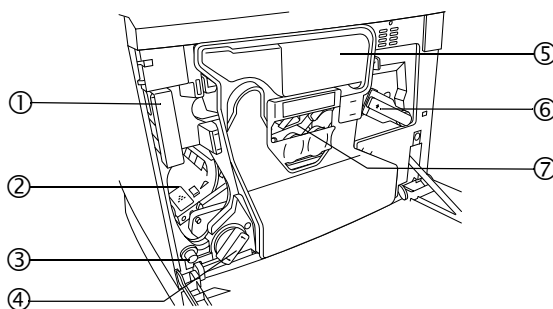
## Front/Right Side View

- 1—Output tray
- 2—Top cover
- 3—Top cover latch
- 4—Control panel and message window
- 5—Front cover latch (one on each side)
- 6—Front cover
- 7—Upper media tray (tray also known as a cassette)
- 8—Right-side cover latch
- 9—Multipurpose tray (closed)
- 10—Pull-out carrying bars (one on each side)
- 11—Upper feed path cover



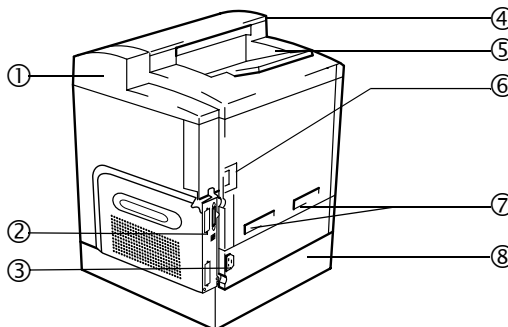
## Front Internal View

- 1—Toner ejection lever
- 2—Toner cartridge slot
- 3—Toner carousel release button
- 4—Toner rotation knob
- 5—Waste toner pack
- 6—Transfer belt unit right release lever
- 7—OPC drum cartridge



## Left Side/Rear Side View

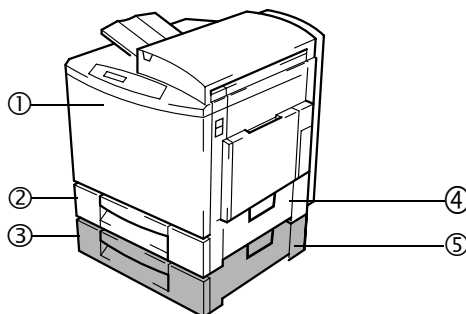
- 1—Ventilation grille
- 2—Interface panel
- 3—Main power switch
- 4—Top cover
- 5—Output tray
- 6—AC power connector
- 7—Hand grips for moving printer
- 8—Media tray (left side)



## Lower Feeder Unit (Standard with DP Model)

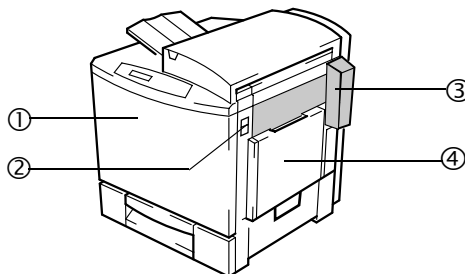
- 1—Front cover
- 2—Upper media tray (also called a cassette)
- 3—Lower feeder unit with media tray
- 4—Upper feed path cover
- 5—Lower feed path cover

**The lower feeder unit has grips on all four corners. When moving the printer with a lower feeder unit attached, hold the printer only by the lower feeder unit grips, not by the printer body.**



## Duplex Unit (Standard with DP Model)

- 1—Front cover
- 2—Right-side cover release
- 3—Duplex unit
- 4—Multipurpose tray



# Documentation Set

Your magicolor 2200 comes with two CD-ROMs. All the documentation is on the *Documentation* CD-ROM unless otherwise noted below. It is provided in Adobe Acrobat PDF format.



You may discover movie camera icons in the manuals. If you're using the Acrobat PDF version of this guide, click the icon to play a QuickTime video clip of the procedure described in the text.

<b>Quick Setup Guide</b>	Use this sheet when unpacking the printer (US only).
<b>Service &amp; Support Guide</b>	This lists global sources of service and support for your printer. Further information about MINOLTA-QMS printers is available through the Internet.
<b>Installation Guide</b>	You're looking at this document right now. This assists in setting up the printer, installing a printer driver, and connecting to a network. It also briefly describes the control panel and configuration menu.
<b>User's Guide</b>	The <i>User's Guide</i> guides you through the day-to-day operation of your printer, including information on printing files, refilling print media, and replacing toner. It also includes information on handling, cleaning, and maintaining your printer; improving print quality; and troubleshooting printer problems.
<b>Maintenance Guide</b>	This guide is a handy item to keep at the printer for quick reference information regarding operation and care of the printer.
<b>CrownBook</b>	This manual provides detailed information about Crown architecture, color printing, menu configuration, and advanced computer/network connection and configuration. It can be found in PDF format on the <i>Software Utilities</i> CD-ROM.
<b>Registration Card</b>	Registration and warranty information is included.
<b>Colorific Calibration Card, Color Encore Brochure</b>	These cards and brochure are used to color calibrate your printer and monitor.
<b>Colorific User's Manual</b>	This manual contains instructions for using Colorific's monitor calibration software and helpful information about color management, ICC profiles, and color matching. It can be found in PDF format on the <i>Software Utilities</i> CD-ROM.



# Setting up Your Printer

## WARNING!

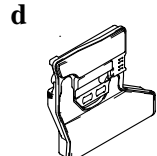
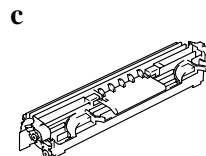
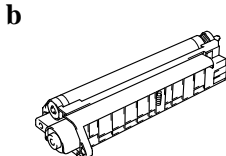
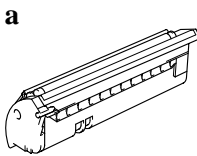
The printer weighs 87.1 lbs (39.5 kg) without consumables. To avoid injury, at least two people must lift and move the printer.

## Attention

During installation, do not plug in the printer's power cord until told to do so.

## Shipment Contents

- Printer with a 500-sheet letter/A4/legal media tray
- Consumables kit
  - a 4 toner cartridges
  - b OPC drum cartridge
  - c Fuser oil roller
  - d Waste toner pack




- Power cord
- Documentation (see “Documentation Set” on page 6)

*Interface cables aren't included in the shipment. If you need cables, contact your local vendor or computer store.*

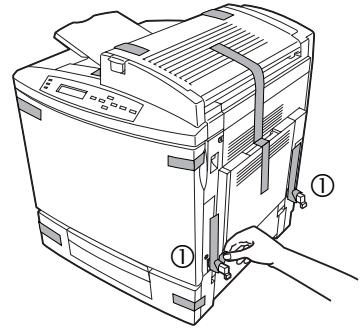
*The DP model comes with separate packaging for the lower feeder unit and the duplex unit.*

## Unpacking the Printer

 Save the packing materials in case you ever have to relocate your printer or for future storage.

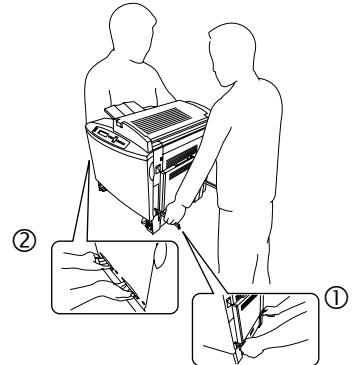
- 1 Remove the protective plastic cover.

- 2 Remove the tape from the outside of the printer.
- 3 Take the tape off of the pull-out carrying bars ① and slide them outward from the printer.



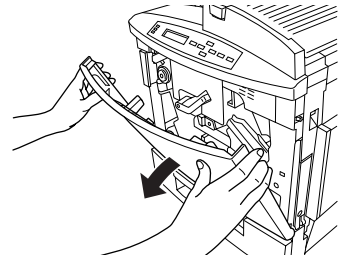
- 4 With another person's help, lift the printer from the carton, and place it in its intended location.

*When lifting and carrying the printer, use the pull-out carrying bars ① and the hand grips ②.*

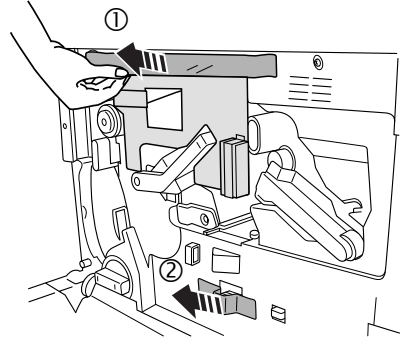



- 5 Open the front cover.

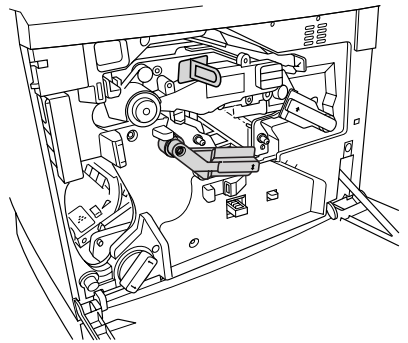
*Use both hands to avoid putting uneven strain on the cover's hinge.*



- 6 Remove the cardboard/foam spacers ① and the tape ② from the laser lens cover.




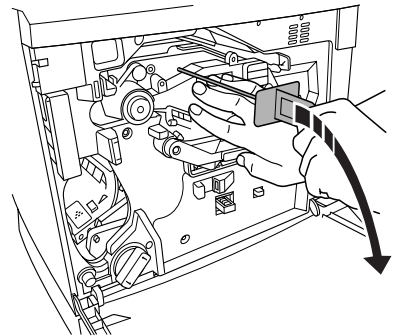
 *The transfer belt left release lever will move to the 4 o'clock position when you remove the spacers. You will reposition the lever when you install the OPC drum cartridge.*



- 7 Press on the transfer belt unit front handle with one hand, take the yellow handle of the transfer belt unit fixture with your other hand, and pull the fixture straight toward you.

*This fixture protects the transfer belt during initial transportation.*

 *Dispose of it according to your local regulations.*



## Installing the Toner Cartridges

Your printer uses four toner cartridges: cyan, magenta, yellow, and black.

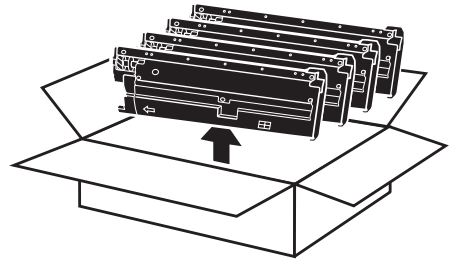


*The toner is nontoxic. If you get toner on your hands, wash them in cool water. If you get toner on your clothes, lightly dust them off as much as possible. If some toner remains on your clothes, use cool, not hot water, to rinse the toner off, provided your clothing is washable.*

## **WARNING!**

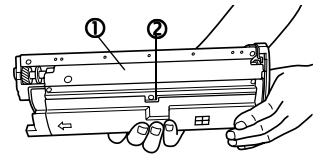
**If you get toner in your eyes, wash it out immediately with cool water and consult a doctor. Material Safety Data Sheets (MSDS) information can be found at [www.minolta-qms.com](http://www.minolta-qms.com) (click on the Answer Base).**

- 1 Remove the toner cartridges from their packaging.



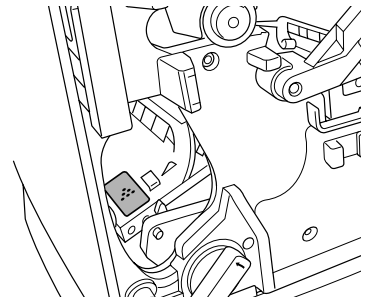
### **Attention**

**Do not touch the toner roller surface ① or move the protective shutter ② away. This could lower image quality.**

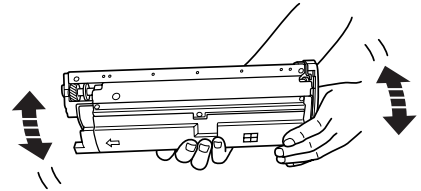


**Do not hold the toner cartridge vertically.**

*Each toner cartridge has a colored end that corresponds to a colored display label inside the slots in the cartridge carousel. Always install the toner cartridge in the slot with a label of the same color.*




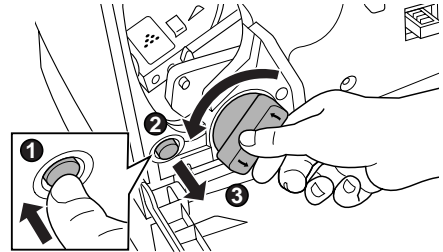
- 2 Holding a cartridge with both hands, gently rock it from side-to-side five or six times to distribute the toner.



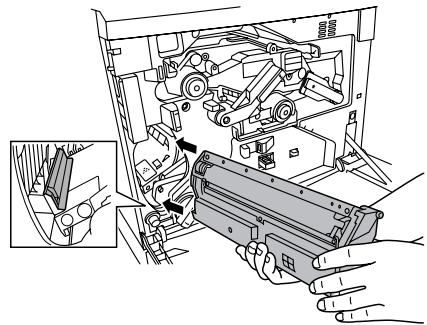
- 3 Press the toner cartridge carousel button ① and release the button ② before turning the carousel dial ③ counterclockwise until it stops.

*The carousel rotates 90° and stops.*

-  *The toner cartridge carousel may start to turn automatically from the weight of the inserted toner cartridge. Make sure you have fully turned to the next slot before trying to insert another toner cartridge.*




- 4 Place the front end of the two toner cartridge guides into the two cartridge guide rails on the cartridge carousel and gently push the cartridge into the printer until it is fully inserted.



### Attention

**If a toner cartridge doesn't slide in easily, don't force it.**

- 5 Repeat steps 2 through 4 until all the toner cartridges are installed.

-  *New cartridges have a “break-in” period of 10–20 sheets before maximum print quality is achieved.*

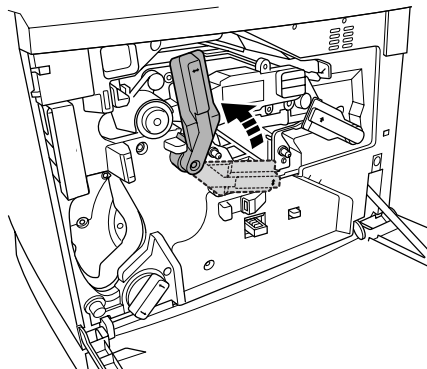
## Installing the OPC Drum Cartridge

The OPC (Organic Photo Conductor) drum cartridge forms the image that is developed and transferred to the media.

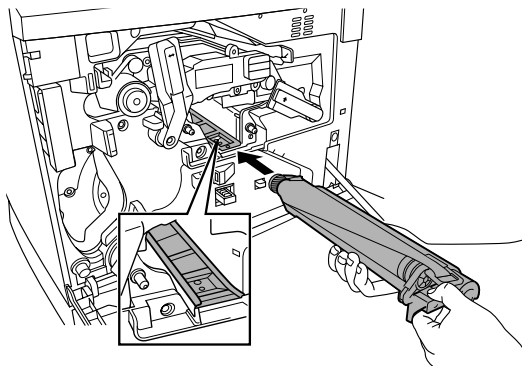
### Attention

**The OPC drum is extremely sensitive to bright light and direct sunlight. Always leave it in its protective bag until you're ready to install it. Any exposure to light should be avoided, or permanent damage could result. Also, handle the cartridge carefully by its sides so you don't touch the surface (the green part) of the drum. The drum is extremely sensitive to hand oils and scratches, both of which reduce print quality. This type of damage is not covered by the product warranty.**

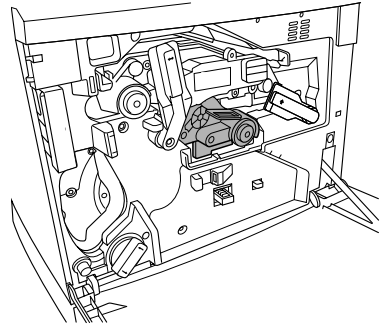
- 1 Rotate the transfer belt unit left release lever counterclockwise to the top (12 o'clock) position to raise the transfer belt unit.



- 2 Holding the OPC drum cartridge level, place the front end of the cartridge guide in the guide rail.



- 3 Push the OPC drum cartridge into the printer until it is firmly seated.

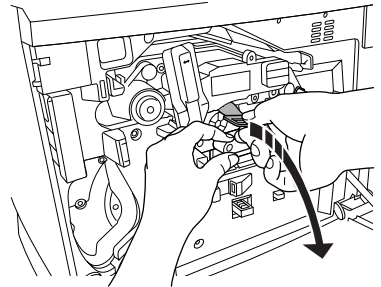


**Attention**

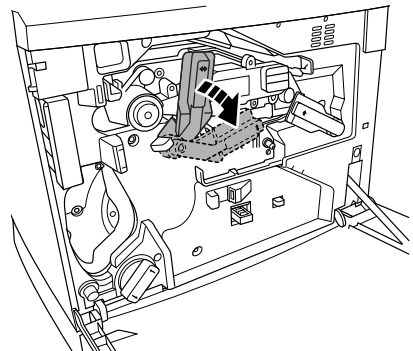
**The cartridge should slide easily into the printer. Don't force it.**

- 4 Press on the front handle of the drum cartridge with one hand and pull the handle of the OPC drum protective sheet straight toward you with the other hand.

 *Dispose of it according to your local regulations.*



- 5 Turn the left release lever of the transfer belt unit clockwise to its correct (2 o'clock) position to lower the transfer belt unit.



## Installing the Waste Toner Pack

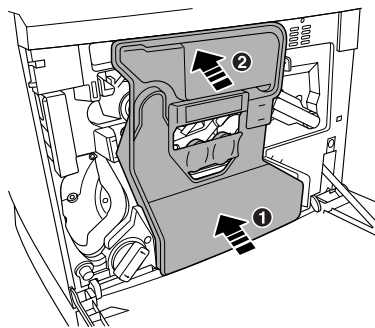
The waste toner pack collects the excess toner remaining on the OPC drum.

- 1 Remove the waste toner pack from its plastic shipping bag.
- 2 Make sure the transfer belt unit left release lever is still set to its correct (2 o'clock) position.



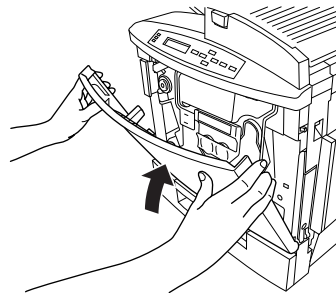
*If the transfer belt unit left release lever is at its top (12 o'clock) position or the laser lens cover is not firmly seated, the waste toner pack cannot be installed.*

- 3 Press the bottom of the waste toner pack into the printer first, then the top, until it is firmly seated.



- 4 Close the front cover.

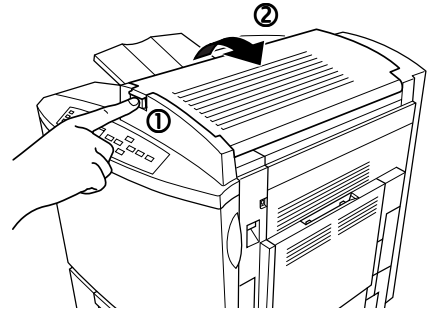
*Use both hands to avoid putting uneven strain on the cover's hinge.*



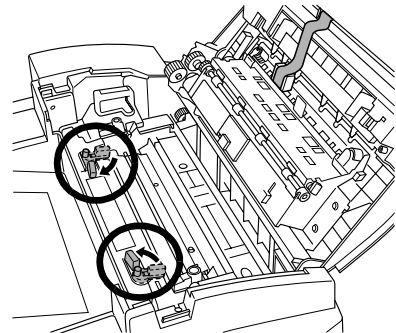


## Installing the Fuser Oil Roller

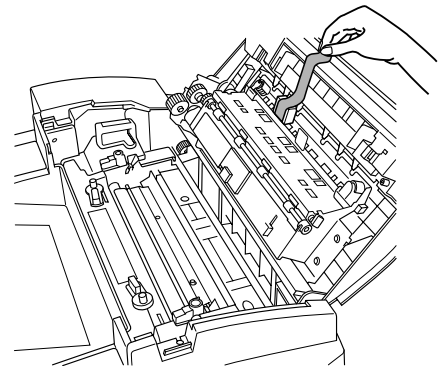
- 1 Push the top cover latch ① to open the top of the printer ②.



- 2 Rotate the two small levers to the unlocked position.



- 3 Remove the tape from the media exit area.



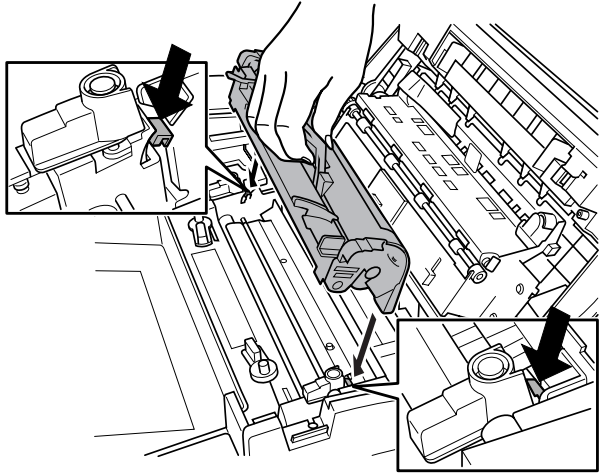
- 4 Remove the fuser oil roller from its box.



### Attention

**Lift and hold the fuser oil roller only by the handle. Do not allow the roller surface to contact the table or get dirty. This could lower image quality.**

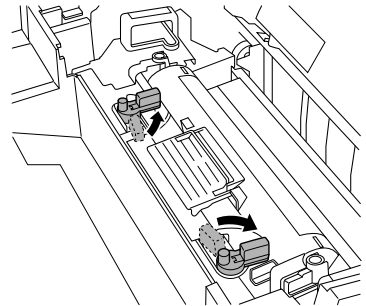
- 5 Insert the fuser oil roller guides into the guide rails (see arrows), then carefully lower the roller.



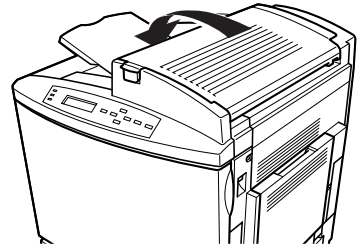
- 6 With the top of the printer open, rotate the two fuser oil roller levers to the locked position.



*If the fuser oil roller release levers are not correctly set, the top cover cannot be closed.*

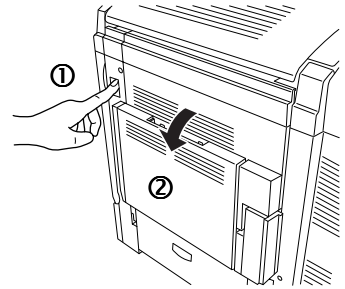


- 7 Close the top cover gently to avoid jarring the fuser oil roller.

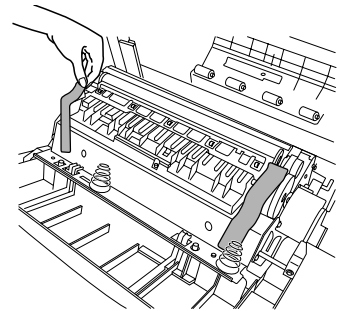


### Removing the Tape from the Transfer Roller

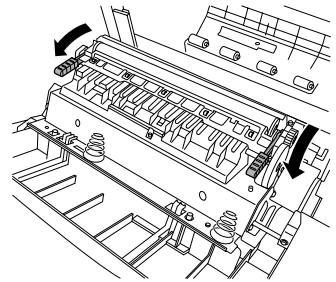
- 1 Press the right cover release button ① and open the right cover ②.



- 2 Remove the tape from the transfer roller unit.

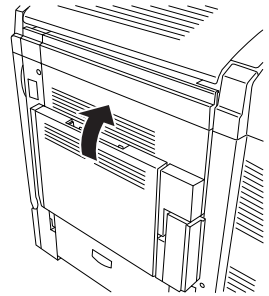


- 3 Make sure the transfer roller unit handles remain in their down position.



- 4 Close the right cover.

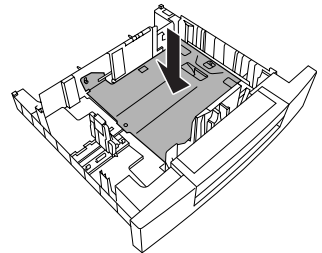
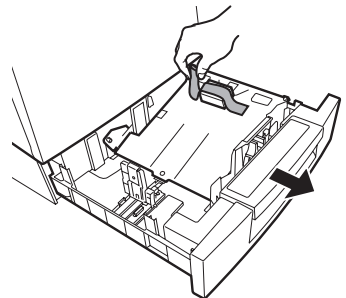
The printer is ready for loading media and installing accessories.



## Loading Media

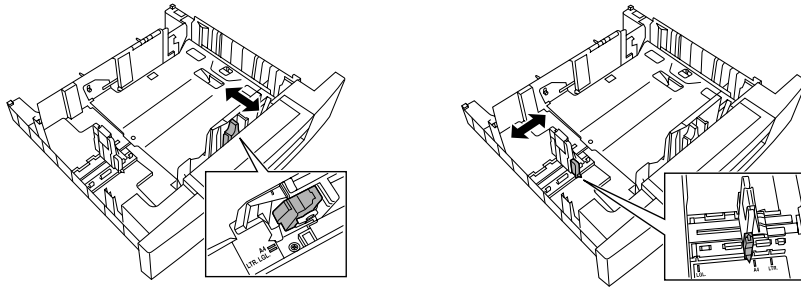
### Loading the Media Tray

- 1 Slide out the media tray.
- 2 Remove the tape and the packing material from the media pressure plate.
- 3 Push the media pressure plate down to lock it in position.



- 4 Adjust the media guides to fit the size paper you're loading.

*Squeeze the retainers, move the guides to the appropriate location (media sizes are listed on the tray), and release the retainers.*

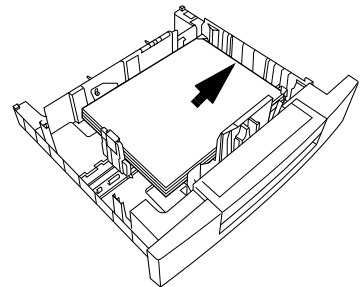


### Attention

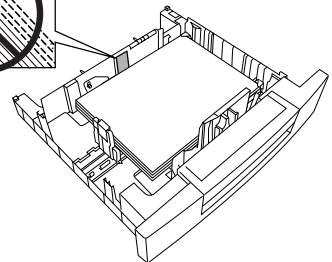
**The media should fit easily between the guides. Improperly adjusted guides may cause poor print quality, media jams, or printer damage.**

- 5 Load the media face-up, short edge toward the right of the tray.

*Often, an arrow on the media package label indicates the printing-side of the media.*

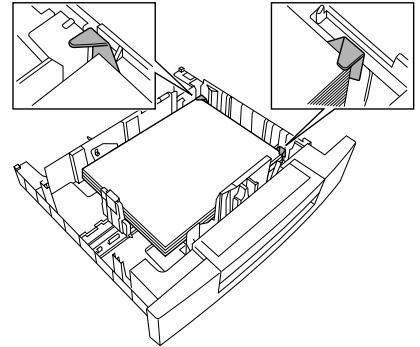


*A fill limit mark is provided on the inside of the tray. The media tray holds 500 sheets of 20 lb bond (75 g/m<sup>2</sup>) paper.*



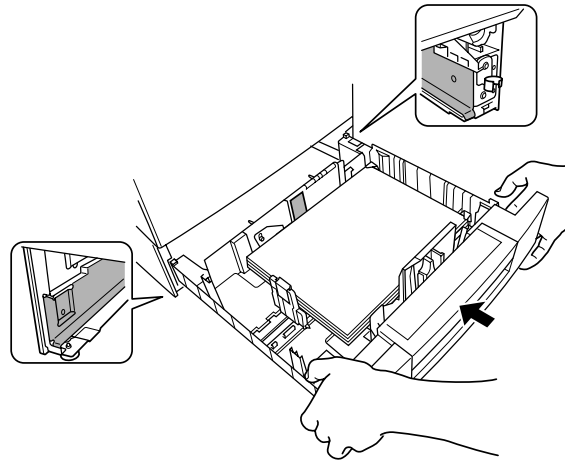
*Make sure that the paper fits easily between the guides and the paper corners are under the left and right media-separating tabs and are not bent.*

*For further information about loading and using media, refer to chapter 2, “Using Media,” in the User’s Guide.*



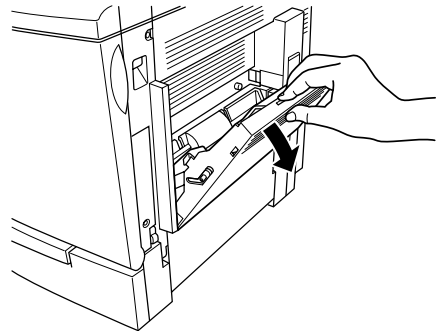
- 6 Slide the media tray all the way in.

*If you have removed the tray from the printer, slightly tilt up the front of the tray to insert it into the guide rails to slide it back in.*

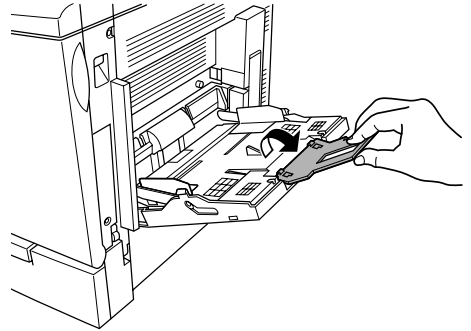


## Loading the Multipurpose Tray

- 1 Open the multipurpose tray.

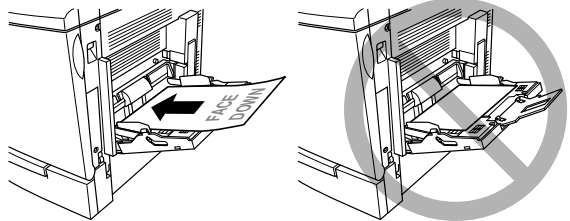


- 2 Open the media support.

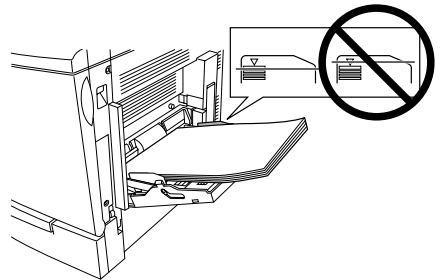


- 3 Load the media face down, short edge toward the printer.

*Often, an arrow on the media package label indicates the face-up side of the media.*



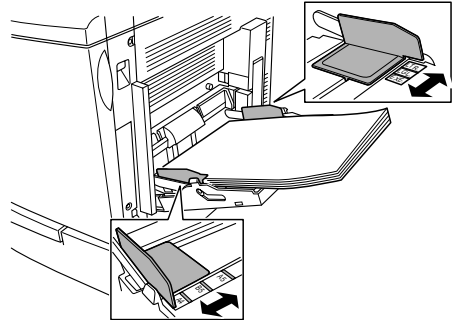
*A fill limit mark is provided on the inside of the media guides on the multipurpose tray. The multipurpose tray holds 150 sheets of 20 lb bond (75 g/m<sup>2</sup>) paper.*



### **Attention**

**Load only one type or size of media per tray at a time.**

- 4 Adjust the media guides to fit the size media you're loading.



### **Attention**

---

**Always adjust the media guides after inserting the media. A guide that is not properly adjusted can cause poor print quality, media jams, or printer damage.**

---

- 5 Specify the media size in the multipurpose tray by using the MP Size key on the control panel.
- 6 Print at least 20 pages to make sure the new toner cartridges have settled properly.

*For further information about loading and using media, refer to chapter 2, “Using Media,” in the User’s Guide.*

## **Accessories**

### **Attention**

---

**Installing accessories always requires that the printer and accessories are turned off and unplugged during installation.**

---

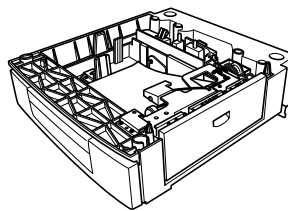
## **Installing a Lower Feeder Unit (LFU)**

Read this section if you have a DP model or if you purchased a lower feeder unit for your magicolor 2200 N, GN, or EN model.



## Kit Contents

- Lower feeder unit with a letter/A4/legal media tray (500 sheets)
- 3 metal brackets
  - Bracket L (1)
  - Bracket R (1)
  - Bracket B (1)
- 2 securing thumbscrews



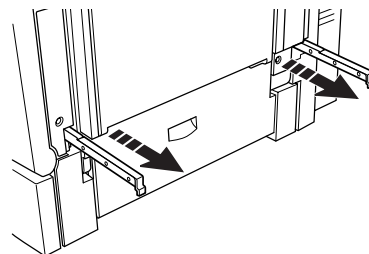
## Installation

### Attention

**If consumables are installed in the printer, be sure to keep the printer level when moving it to prevent accidental spills.**

If your printer is located in its permanent location, follow this procedure. Otherwise, skip to step 3.

- 1 Pull out the two carrying bars on the right side of the printer.

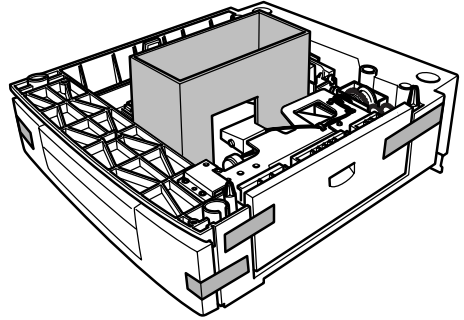


### **WARNING!**

**The printer weighs 103.4 lbs (47.4 kg) with consumables and media. To avoid injury, at least two people must lift and move the printer.**

- 2 With one person holding the carrying bars and another holding the two grips on the left side of the printer, lift the printer and temporarily move it to a flat, level surface.

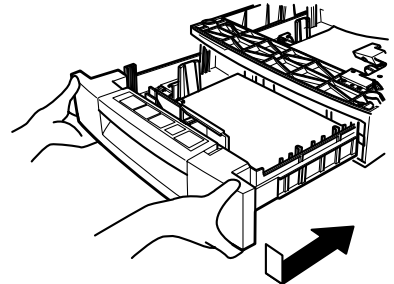
- 3 Remove the lower feeder unit from the shipping carton, and place it where the printer will be located.
- 4 Slide out the optional media tray from lower feeder unit.
- 5 Remove any tape and packing material.
- 6 Put media in the optional tray.



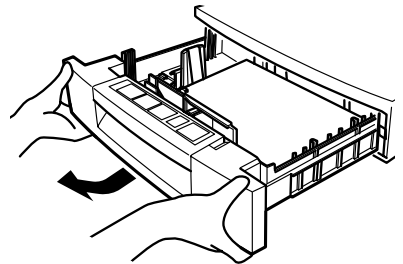
- 7 Slide the optional media tray all the way into the lower feeder unit.



*If you have removed the tray from the lower feeder unit, slightly tilt up the front of the tray to insert it into the guide rails to slide it back in.*

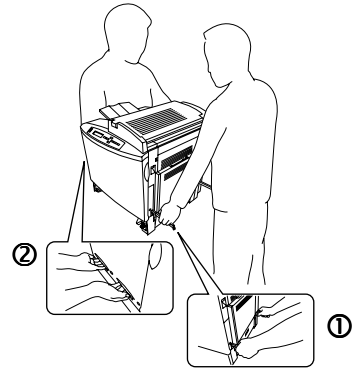


- 8 Slightly tilt up the **printer's** upper media tray to remove it.

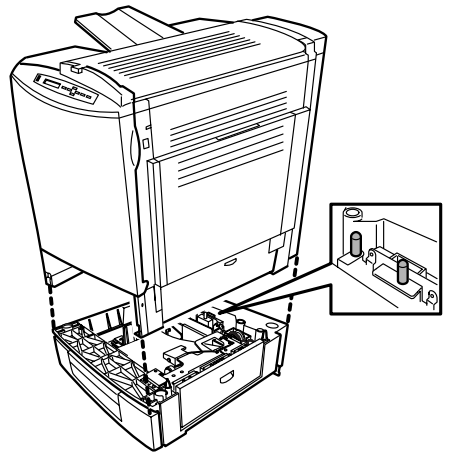


- 9 With another person's help, lift the printer.

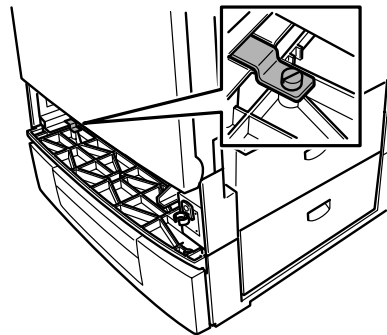
*When lifting and carrying the printer, use the pull-out carrying bars ① and the hand grips ②.*



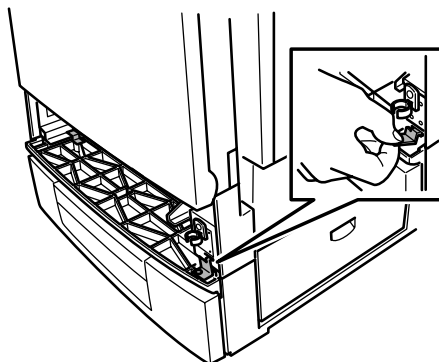
- 10 Slowly lower the printer onto the lower feeder unit, lining up the four holes in the bottom of the printer with the corresponding pins in the lower feeder unit.



- 11 Place bracket L on the left side of the printer frame and secure it tightly with the thumbscrew.



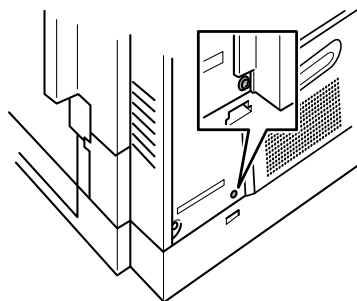
- 12** Hold bracket R on a slant to insert it from the front end into the bracket R slot on the right side of the printer frame, then hold bracket R level and secure it tightly with the thumbscrew.



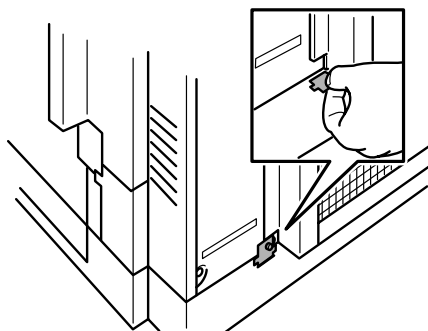
- 13** Unscrew the thumbscrew from the rear of the printer.



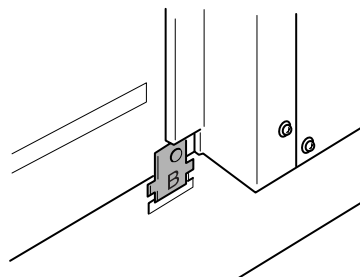
*Retain this screw for use in step 15.*



- 14** Hold bracket B on a slant and insert the front end into the bracket B slot.



- 15** Lift up bracket B and secure it tightly with the thumbscrew.
- Make sure the bracket matches the position shown in the illustration.*
- 16** Slide the upper media tray back into the printer.

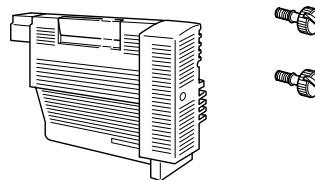


## Installing a Duplex Unit

Read this section if your printer is a magicolor 2200 model DP or if you purchased a duplex unit for your magicolor 2200 model N, GN, or EN.

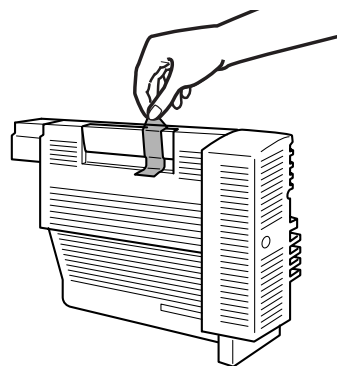
### Kit Contents

- Duplex unit
- 2 thumbscrews

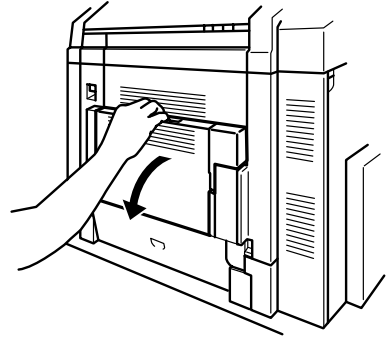


### Installation

- 1** Remove the duplex unit from its shipping box.
- 2** Remove the tape from the unit.



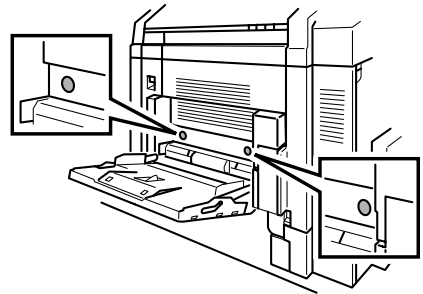
- 3 Open the multipurpose tray.



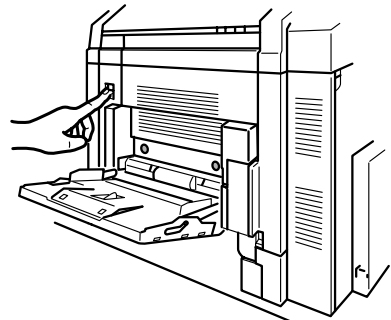
- 4 Remove the two thumbscrews from the right side cover.



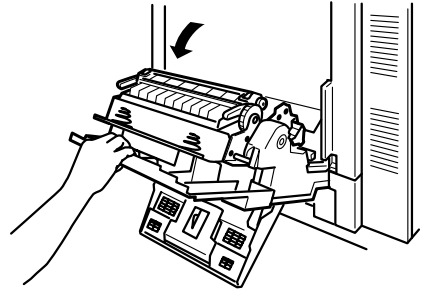
*Retain these screws in case you need to remove the duplex unit in the future.*



- 5 Press the right-side cover release button.

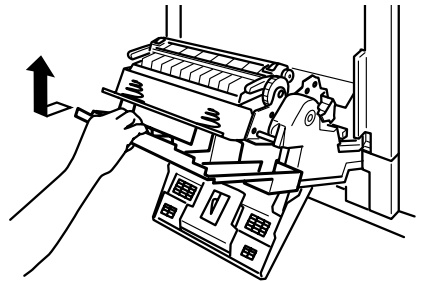


- 6 Open the right-side cover.



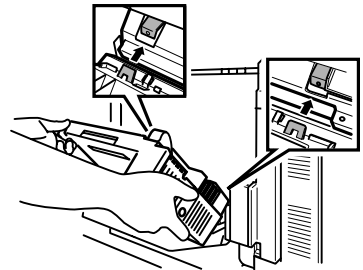
- 7 Pull the right-side cover toward you, lift it, and unhook it from its frame.

- 8 With the multipurpose tray still open, close the right-side cover.

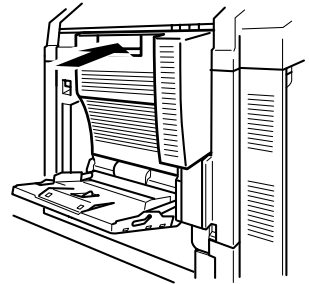


- 9 Insert the bottom of the duplex unit at a shallow angle into the right-side cover.

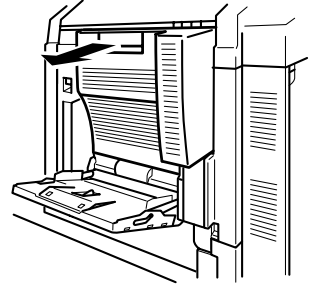
*To do this, place the two tabs at the bottom into the holes on the right-side cover.*



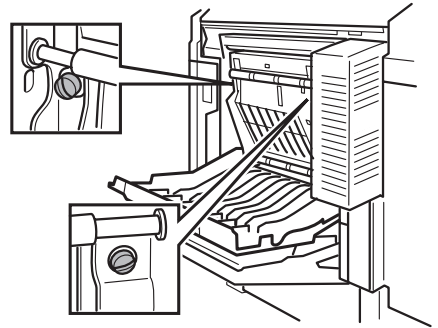
- 10 Press the top of the duplex unit in.



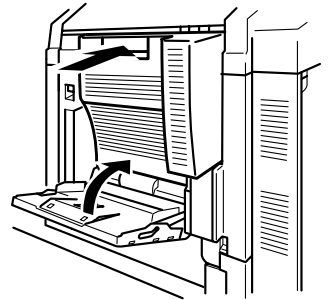
- 11** Open the duplex unit paper path cover.



- 12** Secure the duplex unit tightly with the two thumbscrews supplied in the kit.

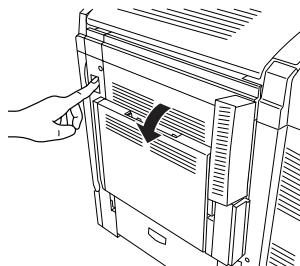


- 13** Close the duplex paper path cover and multi-purpose tray.

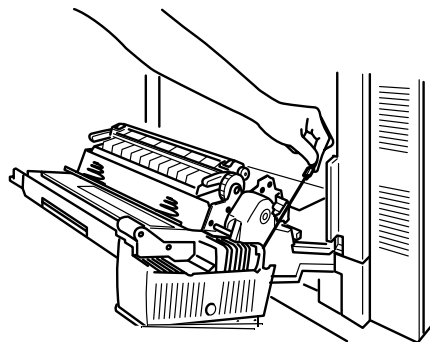




- 14 Open the right-side cover.

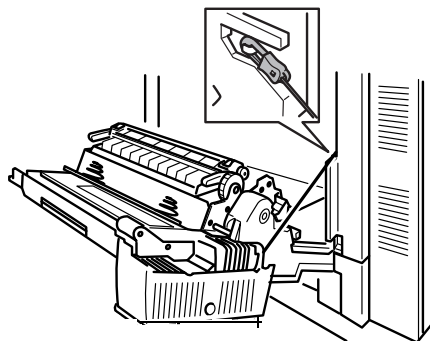


- 15 Extend the spring wire for the duplex unit about 1 foot (30.5 cm).



- 16 Attach the end of the spring wire to the hook on the printer unit.

- 17 Close the right-side cover.



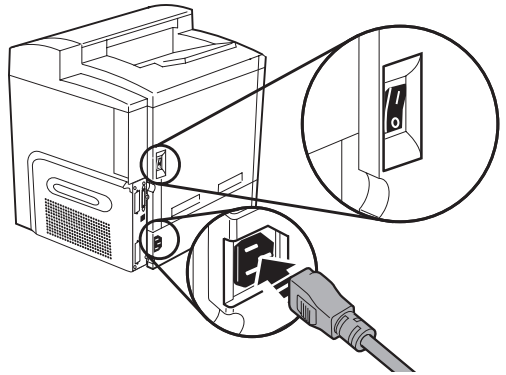
## Installing More Accessories

If you purchased any additional printer accessories, then install them now. If installation instructions are included with the accessory, follow them. If not, instructions are included in the *User's Guide*.

A complete list is in “Accessories and Consumables” on page 55. Refer to [www.minolta-qms.com](http://www.minolta-qms.com) for part numbers and pricing.

## Plugging in/Turning on the Printer

- 1 Make sure the printer is turned off.
- 2 Plug the printer power cord into the printer and into the dedicated, grounded, surge-protected electrical outlet.



### WARNING!

**Do not overload the outlet. For products installed outside North America, do not connect the groundwire to gas or water pipes or grounding for telephones.**

- 3 Turn on the printer.

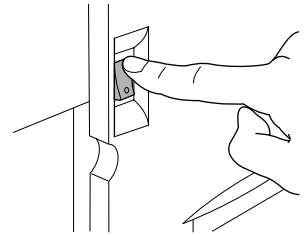
*After a brief warmup, your printer prints a startup page and displays “IDLE” on the message window. If “IDLE” is not displayed in the message window after the power switch is turned on, the setup operation is not proceeding correctly or the printer may be malfunctioning. Recheck the setup. If the startup page doesn’t print or the print quality is not good, skip ahead to “Troubleshooting” on page 50.*



*The printer automatically switches to power-saving mode after 60 minutes of inactivity. In the Administration/Engine/Energy Saver menu, you can change the number of minutes before the printer switches to power-saving mode.*



*In compliance with UL guidelines, “The appliance inlet is considered to be the main disconnect device.”*



# Configuration Menu Overview

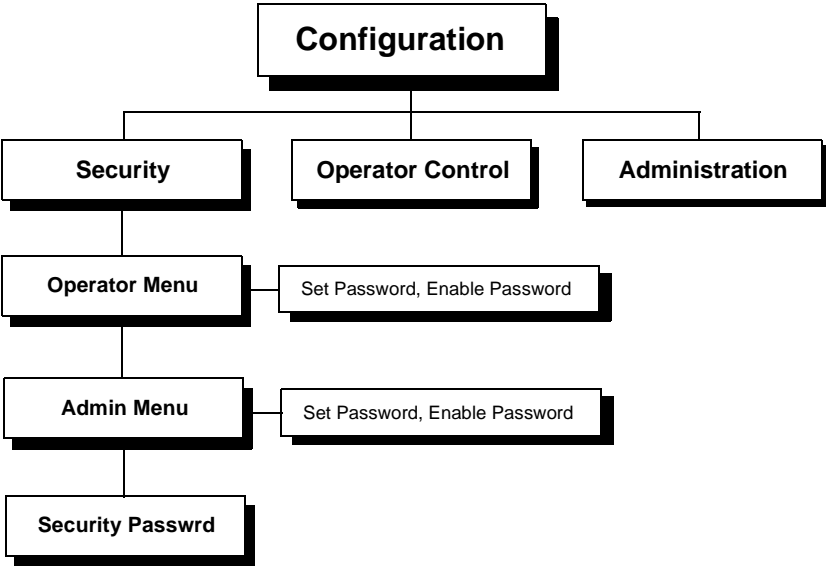
## Menu Chart Conventions

The following conventions are used in the menu charts:

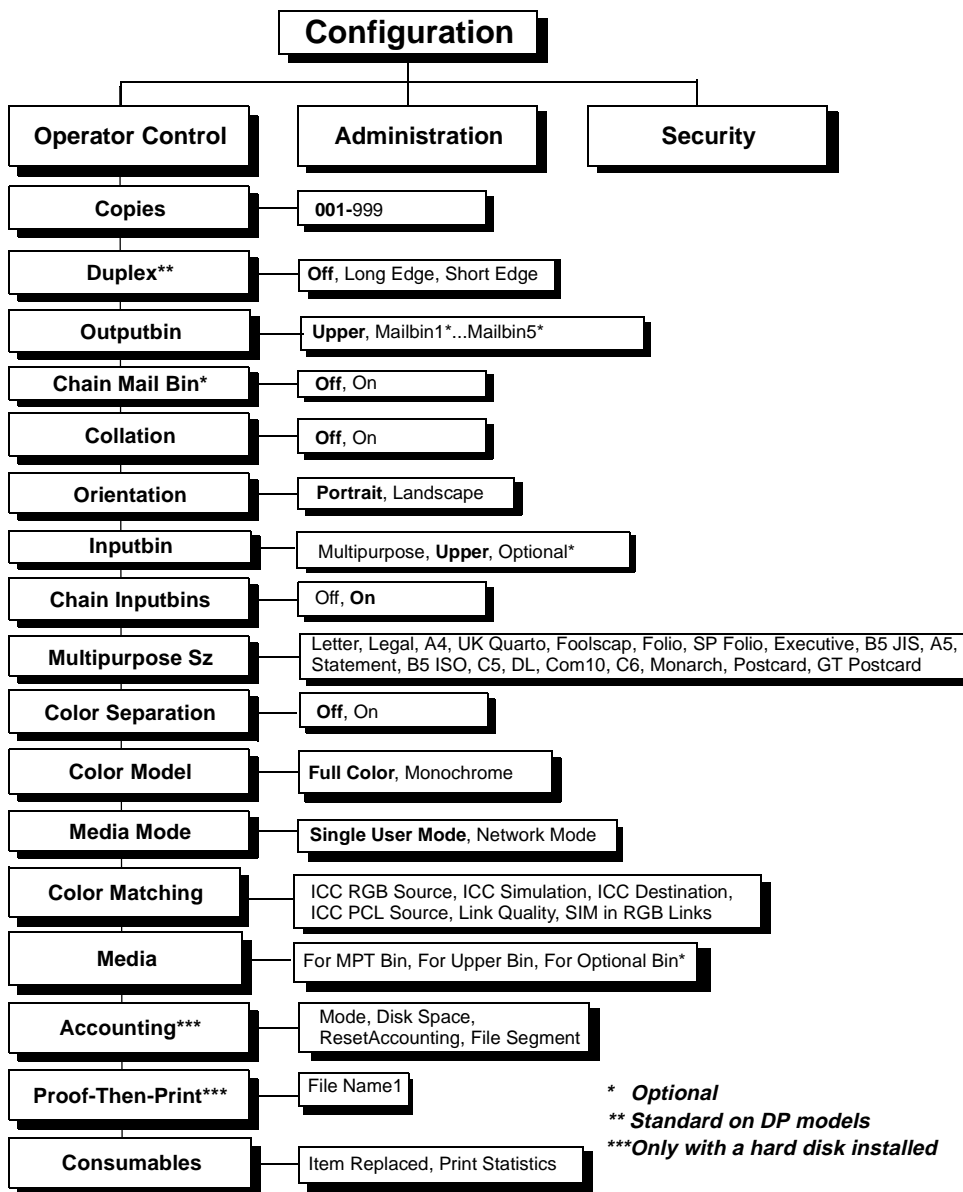
- Some menu choices are marked as optional, indicating that the selection appears in the menu only when the option is installed.
- Defaults are bolded.

For more menu details, refer to the *User’s Guide*.

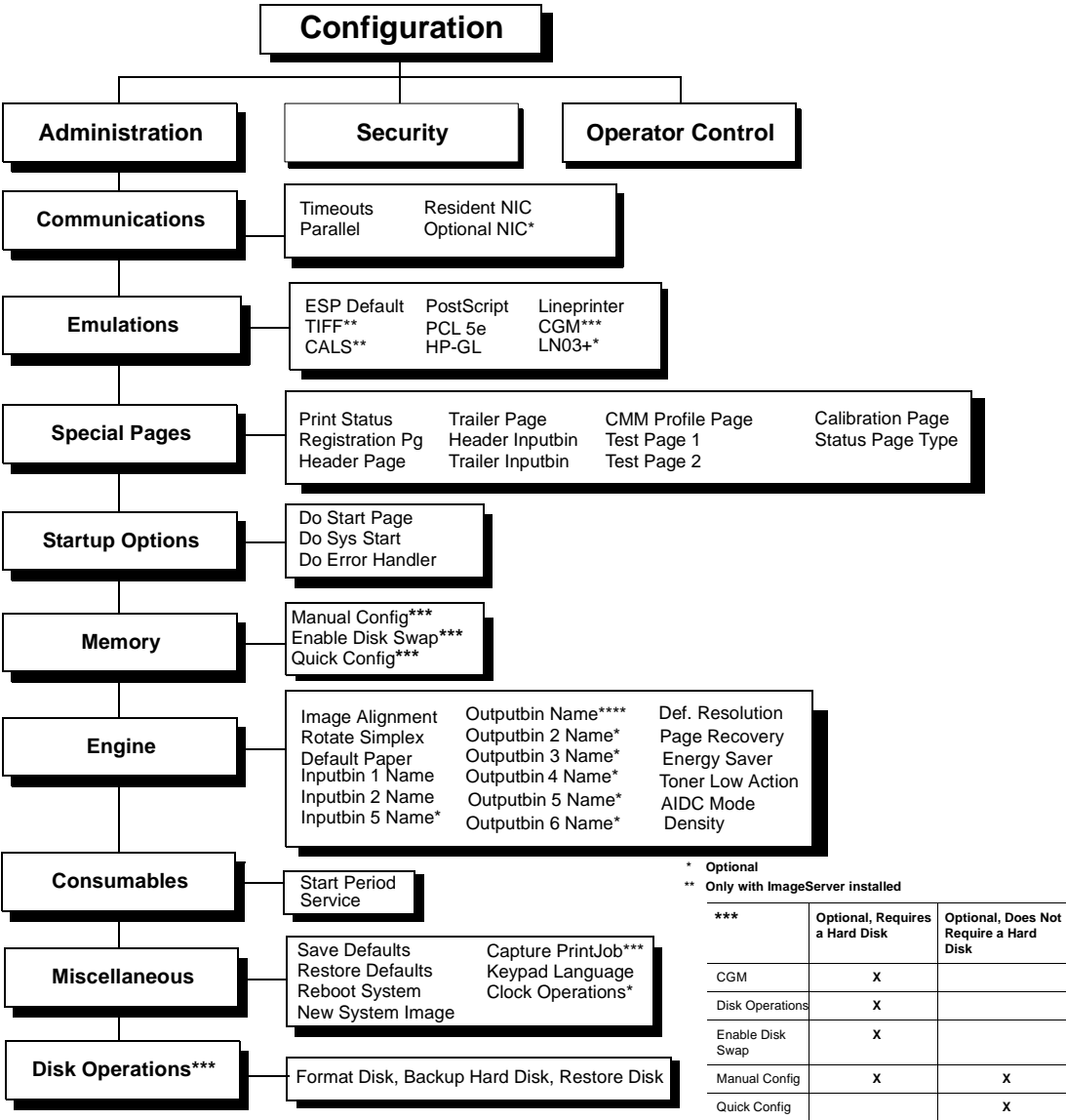
## Security Menu



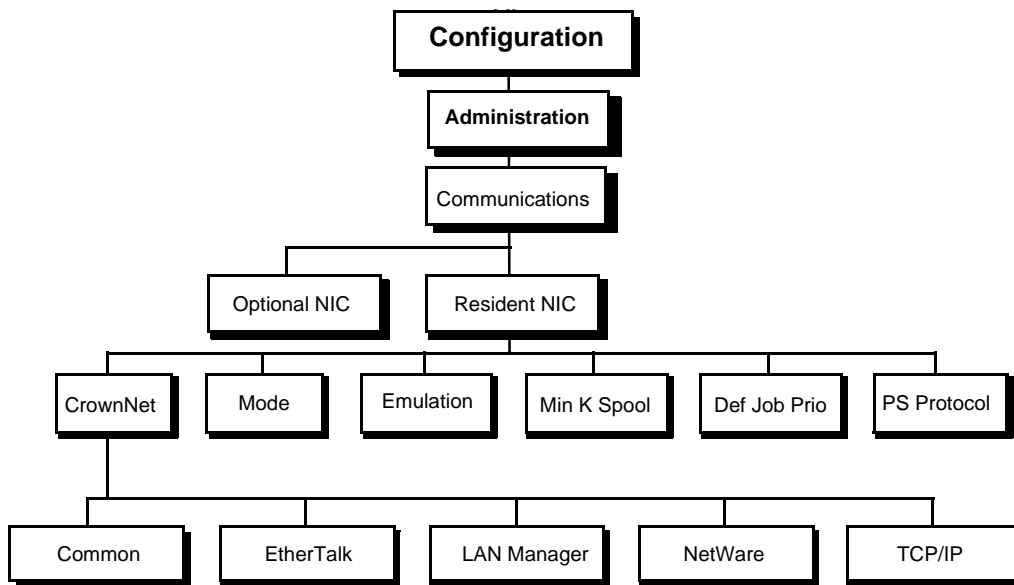
## Operator Control Menu



# Administration Menu



## Administration/Communications/Resident NIC/CrownNet Menu



## Selecting a Language

### Printer Control Panel

The control panel message window provides status and configuration information. Status messages and configuration menus can be displayed in the message window in Czech, Danish, Dutch, English, French, German, Italian, Japanese, Portuguese, and Spanish. When you receive your magicolor 2200, the language is set to English. If you want to change the message window language, use the following quick control panel sequence (slightly dependent upon the model and installed options):

Press Key	(Until) Display Reads
Online	IDLE (and online LED is off)
Menu	OPERATOR CONTROL

Press Key	(Until) Display Reads
Next (▶)	ADMINISTRATION
Select	ADMINISTRATION-COMMUNICATIONS
Previous (◀)	ADMINISTRATION-MISCELLANEOUS
Select	MISCELLANEOUS-SAVE DEFAULTS
Previous (◀)	MISCELLANEOUS-KEYPAD LANGUAGE
Select	KEYPAD LANGUAGE-*ENGLISH
Next (▶)/Previous (◀)	Press the Next and/or Previous key until the language required is displayed
Select	<LANGUAGE> IS SELECTED



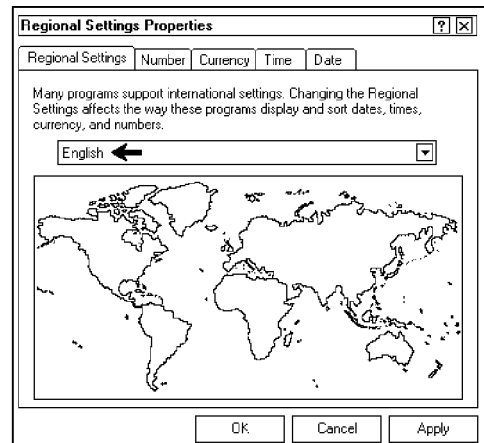
*The printer must be restarted for changes to the Keypad Language menu to take effect. You can either let the printer restart automatically after you save the change and exit from the Configuration menu, or you can wait for the change to take effect the next time you manually turn on the printer.*

## Software Utilities CD-ROM

The *Software Utilities* CD-ROM is equipped with an auto-start program. It automatically starts up in one of the available languages on the *Software Utilities* CD-ROM. In a Windows environment, you may change the opening language by changing the computer's Regional Settings (double-click on the My Computer icon, then on Control Panel, then on Regional Settings).



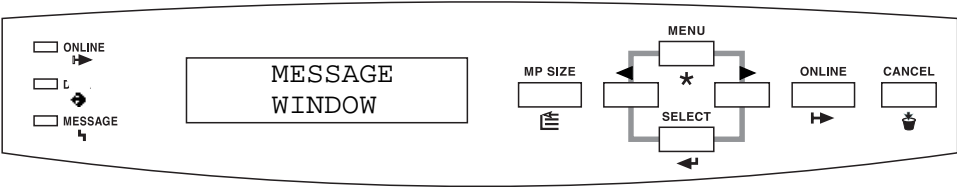
*Other applications on your PC may also be affected by changing the Regional Settings.*






# About the Control Panel

The control panel, located on the front of the printer, allows you to direct the printer’s operation. In addition, it displays the current status of the printer, including any condition that needs your attention. The control panel consists of the following parts:

- Three indicators (LEDs) to provide printer status information.
- A message window to display status and configuration information.
- Seven keys to allow you to control the printer configuration through access to frequently used printer functions.









## Control Panel Indicators

Indicator	Off	On
 <b>ONLINE</b>	The printer is off line and not ready to accept data.	The printer is on line and ready to accept data.
 <b>DATA</b>	The printer is not receiving data.	The printer is receiving data from one or more of its interfaces.
 <b>MESSAGE</b>	No problem.	The printer requires operator attention (usually accompanied by a status message in the message window).



## Control Panel Keys

Key	Function	Press Online First?
<b>MP SIZE</b> 	Use the <b>MP Size</b> key to set the multipurpose tray to the correct media size. The MP Size key on the Control Panel must be used in conjunction with setting the size in the driver.	No
<b>MENU</b> 	Accesses the configuration menu. When you're changing the printer configuration, press this key to cancel a change (before pressing the Select keys), to return to the previous selection or option for the current menu and to return to the previous choice when changing character information.	Yes
<b>SELECT</b> 	The <b>Select</b> key accesses a menu or chooses a displayed menu option, advancing to the next selection or option for the current menu and advancing to the next choice when changing character information.	N/A
 <b>ONLINE</b>	The <b>Online</b> key switches the printer between online and offline status. Press the key once to take the printer off line when it is on line, and press the key once to return the printer to on line when it is off line. When off line, the printer continues printing until it has finished all jobs received, but it doesn't accept any new data. Although jobs continue to compile and print using the data already received, a job may be interrupted. If a remote console has taken the printer offline, pressing the Online key on the control panel will not take effect until the remote console puts the printer back on line.	N/A
<b>CANCEL</b> 	The <b>Cancel</b> key allows you to cancel one or all print jobs or to end a job. If the printer is on line, press the Cancel key to cancel the job currently printing. If you press the Cancel key by mistake, or if you decide not to cancel a print job after pressing this key, press the Cancel key to "cancel" the Cancel key's function.	No
	<b>Previous/Next</b> navigation keys allow you go backward or forward through the menu choices.	Yes

# About the Interface Panel

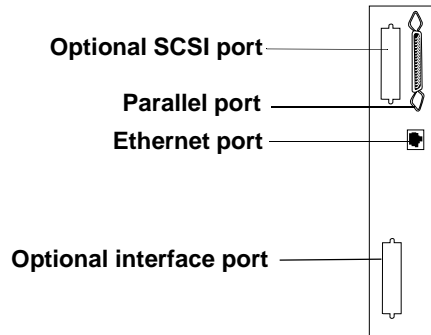
The interface panel is located on the left back of the printer.

## Parallel connection

*Using a Centronics IEEE 1284 bi-directional parallel cable, connect the parallel port on the printer to the parallel port on your computer.*

## Ethernet connection

*Using a twisted-pair (RJ45) Ethernet cable, connect the Ethernet port on the printer to a 10BaseT/100BaseTX network connection.*



# Connecting the Printer

If you're replacing a printer, you may already have a printer cable. If not, contact your local vendor or computer store.

- 1 Turn the printer off.
- 2 Install the printer cable.
- 3 Turn the printer on.



*In compliance with UL guidelines, "The appliance inlet is considered to be the main disconnect device."*

# Utilities

These are your utilities that are available for your printer, and this is what they're used for:

Utility	Use/Benefit
PostScript Driver for Me/98/95	This driver gives you access to all of the printer features, including finishing, color management, and advanced layout on the Windows Me/98/95 platform. It is designed to be both feature-rich while versatile and easy to use.
PostScript Driver for 2000/NT4	This driver gives you access to all of the printer features, including finishing, color management, and advanced layout on the Windows 2000/NT4 platform. It is designed to be both feature-rich while versatile and easy to use.
PostScript Printer Definitions	These PPD files allow you to install the printer for a variety of platforms, drivers, and applications.
Print Monitor for Windows	This Windows utility gives an efficient serverless method for transporting print jobs directly to a MINOLTA-QMS printer via the TCP/IP protocol. the Print Monitor functions on Windows Me/98/95 as well as Windows 2000/NT4.
Profile Downloader	This utility allows the user to download color profiles from a Windows workstation to the printer's hard disk.
CrownView	This utility, designed with users in mind, is an HTML-based web page, residing in the MINOLTA-QMS printer, that provides printer status, job status, and printer configuration information via a web browser from any platform.
CrownAdmin	This utility, designed with administrators in mind, is a powerful tool allowing centralized management of all the Crown printers on your network. It is available for WIndow, Macintosh, and UNIX platforms.
UNIX Host Software	The UNIX Host Software, compatible with a variety of UNIX platforms, allows for the customization of UNIX-based queues and filters for the specific features of the Crown printer.
Printer Utility for the Macintosh	This utility provides common management tasks for Crown printers from a Macintosh platform, such as naming printer, downloading of fonts, and configuration.

# Installing Printer Drivers and Software

## Windows Using TCP/IP

### TCP/IP Interface Configuration

Detailed instructions for configuring TCP/IP can be found in the *CrownBook*.



*If you use DHCP to configure TCP/IP, you must enable DHCP/WINS in Administration/Communications/Resident NIC/CrownNet/TCP/IP printer configuration menu.*

You can configure your print system by several different methods. This section briefly describes the configuration procedure for the printer interface. You can make these configuration changes through any of the following means:

- Printer control panel
  - CrownAdmin 3 for Windows
  - Remote Console through a telnet session
- 1 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCPIP/Internet Address menu, enter the printer's Internet address.  
*The factory default Internet address is 161.033.128.024.*
  - 2 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCPIP/Default Router menu, enter the Internet address of the default router.  
*The factory default router address is 000.000.000.000. This setting provides automatic sensing of gateways. If you identify a subnet mask, automatic sensing is disabled.*
  - 3 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCPIP/Subnet Mask menu, enter the printer's subnet mask.  
*The default subnet mask is 000.000.000.000.*

### TCP/IP Network Configuration

- 1 Log on the system as administrator.

- 2 Edit the system host table by adding the following line to the host file:

*internetaddress hostname*

*where internetaddress is the Internet address of the printer (Administration/Communications/Resident NIC/CrownNet/TCPIP/Internet Address menu, and hostname is the descriptive name of the printer.*

- 3 Go to the *Software Utilities* CD-ROM. It will autolaunch. Follow the instructions on the screen.



## NetWare 5.x—IPX/NDPS

### IPX Interface Configuration



*In CrownAdmin 3, the printer shows up as QMS-xxx-Print-System-hardwareaddress, where xxxx is the printer model number and hardwareaddress is the printer's hardware address as found on the printer startup page.*

- 1 In the main CrownAdmin 3 window, select the printer you want to configure.
- 2 Click the Printers Option button to display a list of printers.
- 3 Click the NetWare 3.x button.
- 4 In the list of options, highlight (NDS) PServer Context.

- 5 In the Edit Settings text box, enter the File Server name and print server context in all caps).



*This must match the one assigned using NWAdmin.*

- File server name
- Space
- Print server context

*For example, if the configuration file server name is QMS-4 and the print server context is PRINTSERV2.SALES.QMS, you would enter:*

QMS-4 PRINTSERV2.SALES.QMS



*Make sure to put a space between the file server name (QMS-4) and the print server context (PRINTSERV2.SALES.QMS).*



*If you are asked to enter a password, enter "ADMIN."*

## Network Configuration

The following steps detail the necessary configuration on your NetWare server.

### Create Broker (If Necessary)

- 1 Open NW Admin and select the container where you want to place the broker.
- 2 Select Object and click Create.
- 3 Select NDPS Broker and click OK.
- 4 Type in the name for the NDPS Broker.
- 5 Select the volume where the broker will reside and click the Create button.
- 6 Check the configuration for access control to make sure that the Administrator is on the list.
- 7 Load the Broker at the Server console by typing

Load broker ".<broker name>.<context where broker resides>"

### **Create NDPS Manager (If Necessary)**

- 1 In NWAdmin, select the container where you want to place the manager.
- 2 Select Object and click Create.
- 3 Select the NDPS Manager and click OK.
- 4 Type in the name for the NDPS Manager.
- 5 Select the resident server and the Database Volume (usually in the server's SYS volume.)
- 6 Click the Create button.
- 7 Check the configuration for access control to make sure that the Administrator is on the list.
- 8 Load the NDPS Manager at the Server console by typing  
`Load ndpsm "<NDPS manager name>"`
- 9 Check the Server console for the Windows "Printer Agent List".

### **Create Printer Agent**

- 1 In NWAdmin, select the container where you want to place the Printer Agent.
- 2 Select Object and click Create.
- 3 Select NDPS Printer and click OK.
- 4 Type in the name for the Printer Agent's name and click the Create button.
- 5 Select the NDPS Manager. Browse if necessary.
- 6 Select Novell Printer Gateway and click OK.
- 7 Select the MINOLTA-QMS Print System to use with the Printer Agent and click the OK button. (If your printer is not listed, select the Generic PS printer.)
- 8 Configure the Port Handler for the new Printer Agent.
- 9 Select Forward Jobs to a queue and click the Next button.
- 10 Click the Queue Name button and select the print queue defined for the print system.

11 Click the Queue User Name button and select the user from the list.

12 Click the Finish button.



*On the Server's console the Administrator password must be entered in order to load the Printer Agent.*

13 Select the printer drivers for the different operating system and click the Continue button.

14 Check the information box for the selected drivers.

The printer and network configuration is now complete. For individual workstation driver installation, refer to the appropriate chapter in this manual for instructions on installing drivers, host software, or other utilities.

## NetWare 5.x—IP/NDPS

### TCP/IP Interface Configuration

Detailed instructions for configuring TCP/IP can be found in the *CrownBook*.



*If you use DHCP to configure TCP/IP, you must enable DHCP/WINS in Administration/Communications/Resident NIC/CrownNet/TCP/IP printer configuration menu.*

You can configure your print system by several different methods. This section briefly describes the configuration procedure for the printer interface. You can make these configuration changes through any of the following means:

- Printer control panel
- CrownAdmin 3 for Windows
- Remote Console through a telnet session

1 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCP/IP/Internet Address menu, enter the printer's Internet address.

*The factory default Internet address is 161.033.128.024.*

2 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCP/IP/Default Router menu, enter the Internet address of the default router.



*The factory default router address is 000.000.000.000. This setting provides automatic sensing of gateways. If you identify a subnet mask, automatic sensing is disabled.*

- 3 If necessary, in the Administration/Communications/Resident NIC/CrownNet/TCPIP/Subnet Mask menu, enter the printer's subnet mask.

*The default subnet mask is 000.000.000.000.*

- 4 Log on the system as administrator.

- 5 Edit the system host table by adding the following line to the \windows\hosts file:

*internetaddress hostname*

*where internetaddress is the Internet address of the printer (Administration/Communications/Resident NIC/CrownNet/TCPIP/Internet Address menu, and hostname is the descriptive name of the printer.*

## **Network Configuration**


This assumes that an NDPS broker object and an NDPS manager object are already created. If not, see instructions on page 44.

- 1 From your browser's Object menu for the Organization or Organizational unit, select Create.
- 2 In the New Object dialog box, select NDPS Printer.
- 3 In the Create NDPS Printer dialog box, type the name of your printer in the Printer Name field.
- 4 At the Printer Agent Source field, select Create a New Printer Agent and click Create.
- 5 Browse to select the NDPS Manager you want to assign it to.
- 6 At the Gateway Types window, select the Novell gateway and click OK.
- 7 In the Novell PDS dialog box, configure the Novell PDS by selecting the Printer Type and Port Handler Type and click OK.

*The Configure Novell Port Handler Wizard appears.*

- 8 Configure the Connection Type as Remote (LPR on IP) and click Next.

9 Type in the Host Address, or Host Name, and Printer Name.

 *The default is "Passthrough."*

*The new Printer Agent loads.*

10 If you choose, select the printer driver for each client workstation and click Continue.

The main browser window appears listing your new controlled access printer.

## Macintosh


### EtherTalk Interface Configuration

You can configure your MINOLTA-QMS print system by several different methods.

This section briefly describes the configuration procedure for the printer interface. Refer to your printer documentation for detailed instructions. You can make these configuration changes through any of the following means:

- Printer control panel
- CrownAdmin 3 for Macintosh
- Print Utility for Macintosh
- Remote Console
- CrownView

When your printer boots up, it will find a default zone. If your network has more than one zone, use the Administration/Communications/Resident NIC/CrownNet/EtherTalk/Zone Name/Zone Part 1 and Zone Part 2 menus to enter the name of the zone to which the printer is attached.

 *The two Zone Part x menus allow you to identify 1 zone with a name up to 32 characters long. (Up to 16 characters can be entered in each of the two menus). You cannot use these two menus to identify two zones. Trailing spaces are not considered part of the zone name. All standard printable ASCII characters are valid except the @ and ' symbols. The names are case sensitive.*

## Installing Macintosh PPDs and Utilities

- 1 Insert the autoloading *Software Utilities* CD-ROM.



*Open the Readme file in the Explore button for information on the latest available drivers, PPDs, and utilities.*



- 2 Double-click the INSTALL icon.
- 3 Follow the instructions on the screen.

# Troubleshooting

Although the magicolor 2200 is designed to be highly reliable, you may occasionally experience a problem. The following helps you to identify the cause of the possible installation problems and suggests some solutions related to installation. For detailed troubleshooting information, refer to “Troubleshooting” in the *User’s Guide*.

## Solving Problems during Installation

Symptom	Cause	Solution
No lights or messages appear on the control panel.	There is no power supplied to the AC outlet.	Make sure there is power supplied to the AC outlet.
	The power cord is not plugged in securely into both the power outlet and the printer.	Make sure the power cord is plugged in securely both at the power outlet and the printer.
	The printer power switch is not in the On (I) position.	Turn the printer power switch to the On (I) position.
	The line voltage from the power outlet doesn’t match the printer’s power requirements.	Make sure the line voltage matches the printer’s power requirements.
You can’t print a status page.	Is the printer off line before you try to enter the Administration/Special Pages/Print Status menu?	Turn the printer off line before printing a status page.
	The tray does not have media.	Check that the media trays are loaded with media, in place and secure.
	The printer’s covers aren’t closed securely.	Make sure the front and top covers are closed securely. <i>Close all covers gently to avoid jarring the printer.</i> Make sure the waste toner pack is installed correctly.
	There is a media jam.	Check for a media jam.

Symptom	Cause	Solution
The printer is not receiving data from the computer. (The Data indicator doesn't blink after a file is sent.)	The printer is not on line.	Put the printer on line and check if the message window displays <code>IDLE</code> .
	The emulation has been changed from ESP to an emulation that doesn't match the file you are sending.	Print a status page from the control panel.
The printer is printing codes or not printing at all when in ESP mode.	The printer emulation is not correct.	Reconfigure the port to the specific printer emulation of the file you are trying to print.
	Your ESP timeout is too short.	<p>If a PostScript file prints PostScript statements while the printer is in ESP mode, increase the ESP timeout.</p> <p>If you continue to have problems with the ESP mode selecting the appropriate printer emulation, contact Technical Support. Refer to the <i>Service &amp; Support Guide</i>.</p>
Top cover does not close.	The fuser oil roller release lever is not set in the correct position.	Open the top cover and turn the fuser oil roller release lever (two locations) to the locked position, then close the cover gently to avoid jarring the printer.
Front cover does not close.	The transfer belt right release lever is not set in the correct position.	Turn the right release lever clockwise to the 10 o'clock position, then close the front cover.
	The waste toner is not set correctly.	Remove the waste toner, then reinstall it correctly.

Symptom	Cause	Solution
The Online indicator is on and the message in the display is "IDLE," but no startup page prints.	You did not wait long enough.	Did you wait long enough? From a cold start, the printer takes approximately 3 minutes to warm up.
		Be sure you wait long enough for a startup page before suspecting a problem.
	Print startup is not enabled.	Make sure the option to print startup is enabled in Administration/Startup Options/Do Startup Page.
	The defaults have been changed.	Perform a restore defaults on the printer.
		From your control panel, select Administration/Miscellaneous/Restore Defaults/Factory Defaults/Yes.
		Can you print a simple sentence such as "This is a test." from a simple application on your computer (for example, WordPad or Notepad)? From your start menu on your computer, select Start/Programs/Accessories/WordPad.
	You haven't rebooted the printer.	Reboot the printer and reprint the job. Do you get an error page?
Waste toner pack cannot be installed.	The transfer belt left release lever is not set correctly.	Turn the left release lever clockwise to the 2 o'clock position, then install the waste toner.
	The laser lens cover is not installed, or was not installed correctly.	Reinstall the laser lens cover.
Toner cartridge carousel will not turn.	The toner cartridge carousel dial is turned clockwise.	Turn the carousel dial counterclockwise.
Toner cartridge carousel dial will not turn.	The toner cartridge carousel release button was not pressed.	Press and release the carousel release button, then turn the carousel dial counterclockwise.
Toner cartridge carousel slot is empty.	A toner cartridge was not inserted in that slot.	Press the toner release button and turn the carousel dial until you reach the empty slot. <i>You do not have to load the toner in a set sequence.</i>
Fuser oil roller cannot be installed.	The fuser release lever is not set in the correct position.	Turn the left release lever clockwise to the 12 o'clock position, then install the fuser oil roller.

Symptom	Cause	Solution
OPC drum unit cannot be installed.	The transfer belt left release lever is not set to the OPC drum installation position.	Turn the left release lever counterclockwise to the 12 o'clock position, then install the OPC drum unit.
Startup page comes out skewed.	Media improperly aligned in tray or bad media.	Check media in trays.
CHECK WASTE TONER message appears in the message window.	The waste toner pack isn't properly installed.	Make sure the waste toner pack sits snugly against the printer.
Printer power is not on.	The power cord is not correctly plugged into the outlet.	Turn the power switch off (O position), then remove the power cord from the outlet and plug it back in.
	The power switch is not correctly turned on (I position).	Set the power switch to the off (O) position, then set it back to the on (I) position.
	Something is wrong with the outlet you are using for the printer.	Plug another electrical appliance into the outlet and see whether it operates properly.
	The printer is connected to an outlet with a voltage or frequency that does not match the printer specifications.	<p>Check the voltage and frequency of the outlet. Use a power source with the following specifications:</p> <p>—<b>Power</b></p> <p>Japan: 100 VAC 50–60 Hz 12 amps  North America: 120 VAC 50–60 Hz 8 amps  Europe: 220-240 VAC 50–60 Hz 6 amps  Latin America: 120 VAC 50–60 Hz 8 amps  220-240 VAC 50–60 Hz 6 amps</p> <p>—<b>Voltage fluctuation</b></p> <p>Japan: 100 VAC <math>\pm 10\%</math>  North America: 120 VAC <math>\pm 10\%</math>  Europe: 220-240 VAC <math>\pm 10\%</math>  Latin America: 120 VAC <math>\pm 10\%</math>  220-240 VAC <math>\pm 10\%</math></p> <p>—<b>Frequency fluctuation rate</b> within 50/60 <math>\pm 3</math> Hz</p>

<b>Symptom</b>	<b>Cause</b>	<b>Solution</b>
Error message is displayed.	A consumable item, such as paper or toner, has run out.	Handle the message according to the message display.
	A unit or tray is not correctly installed.	
	The media is jammed.	
	A problem occurred inside the printer.	
Print is unclear.	New toner cartridge(s) has (have) been installed, but the “break-in” period has not been reached.	Print at least 20 pages to make sure the new toner cartridges have settled properly.



# Accessories and Consumables

## Accessories

Refer to [www.minolta-qms.com](http://www.minolta-qms.com) for part numbers and pricing.

Description	Remark(s)
5-bin Mailbox	Three models: For 100-, 120-, or 220-volt printers
Automatic Document Feeder (ADF) for SC-210	Optional ADF for convenience copier.
BuzzBox	Via parallel connection for 100, 120, and 220 volts
CGM	Optional emulation
CrownNet for Ethernet 10BaseT/100BaseTX Interface	Equipped with RJ45 connector
CrownNet for Token-Ring Interface	Equipped with STP and UTP connectors
Crown for DECnet-TCP/IP Interface	Equipped with 10BaseT
Dual In-Line Memory Modules (DIMMs)	Additional memory must be 32, 64, or 128 MB, PC-100 Compliant SDRAM DIMMs, up to a printer maximum of 384 MB.
Duplex Unit	Standard with model DP
ImageServer	Optional TIFF/CALS
Internal IDE Hard Disk Drive	Standard with models EN and DP
Kanji Font Internal IDE Hard Disk	Includes seven fonts
LN03	Optional emulation
LocalTalk Interface	Equipped with LocalTalk
Lower Feeder Unit	Media tray included. Standard with model DP
Media Tray, 500 Sheet	Purchasing extra trays may be convenient when changing media formats and/or media qualities vary.
Planet Press	Form-creation utility
Printer Stand/Cabinet	Tabletop or floor model
QFORM	Form-creation utility
SC-210 Convenience Copier	SC-210 Color Convenience Copier
SCSI Interface	Up to 3 SCSI interfaces allowed
Time-of-Day Clock	Standard with models EN and DP

## Consumables

Refer to [www.minolta-qms.com](http://www.minolta-qms.com) for part numbers and pricing.

Description	Remark(s)
Fuser oil roller	FUSER OIL LOW, FUSER OIL EMPTY, or REPLACE OIL ROLLER displays in the message window (after up to 21,000 single-sided continuous monochrome or 7,500 continuous color pages, or 7,000 intermittent monochrome or 5,000 intermittent color pages). Heavy coverage, intermittent printing, and different media types can use up oil at an accelerated rate, reducing fuser oil roller life.
Fuser unit/transfer roller kit	REPLACE FUSER displays in the message window (after 100,000 single-sided pages maximum at an equal mix of black and 4-color pages, all with 5% coverage of each color; however, fuser unit life is coverage and media dependent).
OPC drum kit (OPC drum cartridge, laser lens cover, and waste toner pack)	REPLACE DRUM, CHECK WASTE TONER, WASTE TONER NEAR FULL, or REPLACE WASTE TONER displays in the message window (up to 30,000 continuous monochrome or 7,500 continuous four-color pages, or 10,000 intermittent monochrome or 5,000 intermittent color pages). Other factors also affect cartridge life.
Toner cartridge	<COLOR> TONER EMPTY displays in the message window (after approximately 6,000 single-sided pages per cartridge—black, yellow, magenta, cyan at 5% coverage of each color).
Transfer belt	REPLACE TRANSFER BELT displays in the message window (after 107,000 pages continuous monochrome or 33,000 continuous color pages, or 44,000 intermittent monochrome or 23,000 intermittent color pages).



*Consumable life is expressed in simplex letter/A4 pages. A duplex page is equivalent to two simplex pages.*

# Regulatory Compliance

<b>CE Marking and Immunity Requirements (EU)</b>	<b>International (EU)</b> EN 55024 EN 50081-1 EN 61000-3-2 EN 61000-3-3 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-8 IEC 61000-4-11	Immunity Characteristics Generic Emission Standard Harmonic Current Emissions Voltage Fluctuations and Flicker ESD Radiated Susceptibility Fast Transients Surge Immunity Immunity to Conducted Disturbance Magnetic Field Immunity Voltage Dips and Variations
<b>cTick Mark</b>	<b>ACA (Australia)</b> AS/NZS 4251 AS/NZS 3458	Generic Emissions Standard ITE
<b>Electromagnetic Emissions (EMI)</b>	<b>FCC (USA)</b> Title 47 CFR Ch. I, Part 15  <b>Industry Canada (Canada)</b> ICES-003 Issue 3  <b>International (EU)</b> EN 55022  <b>VCCI (Japan)</b> VCCI V-1/98.04	Class B Digital Device (Class A Digital Device with Token-Ring or LocalTalk interface installed)  Class B Digital Device (Class A Digital Device with Token-Ring or LocalTalk interface installed)  Class B ITE (Class A Digital Device with Token-Ring interface installed)  Class B ITE (Class A Digital Device with LocalTalk interface installed)
<b>Energy Saver</b>	<b>ENERGY STAR (USA)</b>	ENERGY STAR Compliant

<b>Product Safety</b>	UL (USA)  cUL (Canada)	UL 1950, Third Edition CAN/CSA C22.2 No. 950-93
<b>TUV/GS and CB Scheme</b>	International (EU)	EN 60950 and IEC 60950
<b>Laser Safety</b>	CDRH (USA) International (EU)	Title 21 CFR Ch. I, Subchapter J EN 60825-1

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is not guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help



*A shielded cable is required to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.*



*This is a Class B device, but with the optional Token-Ring or LocalTalk optional interfaces installed, it changes to a Class A device.*

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio

communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.

### **Attention**

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**Any modifications or changes to this product not expressly approved in writing by the manufacturer responsible for compliance to Federal Regulations could void the user's authority to operate this product within the Laws and Regulations of the Federal Communications Commission.**

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## **EN 55022**

### **Attention**

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**On the 220 volt printer, this Class B product becomes a Class A product with the addition of an optional Token-Ring interface. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.**

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## **Canadian Users Notice**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.



*This is a Class B device, but with the optional Token-Ring and LocalTalk optional interfaces installed, it changes to a Class A device.*

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## **Laser Safety**

This printer is certified as a Class 1 laser product under the U.S. Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control for Health and Safety Act of 1968. This means that the printer does not produce hazardous laser radiation.

Since radiation emitted inside the printer is completely confined within protective housings and external covers, the laser beam cannot escape from the machine during any phase of user operation.

## International Notices

### Power Cord

The following power cord requirements are in effect for the 220v magicolor 2200.

Minimum	0.75 mm <sup>2</sup>
Minimum	H05 VV - F

- The male plug is certified in the country in which the equipment is to be installed, and the female plug is an IEC 320 connector.

### Voltage

**Attention Norwegian users:** This equipment is designed to operate within an IT power system where the line-to-line voltage does not exceed 240v.

### Lithium Batteries

**Attention Swiss users:** Lithium batteries need to be disposed of in accordance with Annex 4.1 of SR814.013.

## Warranty Considerations

Various factors can affect a printer's warranty. Two important ones are consumables and electrostatic discharge. Read your printer warranty carefully.



*Don't return any merchandise to the manufacturer without calling for a return merchandise authorization (RMA) number. Refer to the Service & Support Guide for the Support telephone number where you can obtain an RMA number.*

If you have any questions, refer to [www.minolta-qms.com](http://www.minolta-qms.com).

## Consumables and Your Warranty

Use of consumables not manufactured by MINOLTA-QMS or use of non-supported print media may cause damage to your printer and void your warranty. If MINOLTA-QMS printer failure or damage is found to be directly attributable to the use of non-MINOLTA-QMS consumables and/or accessories, MINOLTA-QMS will not repair the printer free of charge. In this case, standard time and material charges will be applied to service your printer for that particular failure or damage.

To order consumables and accessories, go to [www.q-shop.com](http://www.q-shop.com) or check the *Service & Support Guide* for the MINOLTA-QMS office closest to you.

# Manufacturer's Declaration of Conformity—Europe

We:

MINOLTA-QMS Europe B.V.

(supplier's name)

Reactorweg 160, 3542 AD Utrecht, The Netherlands

(address)

declare under our sole responsibility that the product

magicolor 2200

(base product family name)

MC2200-2

(model number located on dataplate)

4120

(print engine model/type number)

to which this declaration relates is in conformity with the following standard(s) or other normative document(s)

EN 60950:1992+A1+A2+A3+A4+A11, CB Scheme in accordance with

IEC 60950:1991+A1:1992+A2:1993+A3:1995+A4:1996,

CB Certificate No. US-TUVR-0562

EN 60825-1:1994+A11, EN 55022:1998, EN 55024:1998,

EN 61000-3-2:1995+A1:1997+A2:1998, EN 61000-3-3:1995,

IEC 61000-4-2: 1995+A1:1998

IEC 61000-4-3:1995+A1:1998, IEC 61000-4-4:1995, IEC 61000-4-5:1995,

IEC 61000-4-6:1996, IEC 61000-4-8:1993 and IEC 61000-4-11:1994

(title and/or and number and date of issue of the standard(s) or other normative document(s))

(if applicable) following the provisions of 73/23/EEC, 89/336/EEC Directive(s).

Utrecht, The Netherlands—September, 2000

(place and date of issue)



# Manufacturer's Declaration of Conformity—Latin America 110 Volt

We:

MINOLTA-QMS, Inc.

(supplier's name)

One Magnum Pass, Mobile, Alabama, USA, 36618

(address)

declare under our sole responsibility that the product

magicolor 2200

(base product family name)

MC2200-1

(model number located on dataplate)

4120

(print engine model/type number)

to which this declaration relates is in conformity with the following standard(s) or other normative document(s)

UL 1950 Third Edition, 1995; cUL CAN/CSA C22.2 No. 950-M95;

FCC Class B Digital Device Title 47 CFR Ch. I., Part 15;

FCC Class A Digital Device Title 47 CFR Ch. I., Part 15 applies for systems configured with Token-Ring or LocalTalk interface installed;

Industry Canada ICES-003 Issue 3 Class B Digital Device;

Industry Canada ICES-003 Issue 3 Class A Digital Device applies for systems configured with Token-Ring or LocalTalk interface installed;

EPA ENERGY STAR Office Equipment Program;

CDRH Laser Safety Title 21 CFR Ch. I., Subchapter J;

MSDS Title 29 CFR Ch. XVII, Part 1910.1200.

(title and/or and number and date of issue of the standard(s) or other normative document(s))

(if applicable) following the provisions of N/A Directive(s).

Mobile, Alabama, USA—September, 2000

(place and date of issue)

# Manufacturer's Declaration of Conformity—Latin America 220 Volt

We:

MINOLTA-QMS, Inc.

(supplier's name)

One Magnum Pass, Mobile, Alabama, USA, 36618

(address)

declare under our sole responsibility that the product

magicolor 2200

(base product family name)

MC2200-2

(model number located on dataplate)

4120

(print engine model/type number)

to which this declaration relates is in conformity with the following standard(s) or other normative document(s)

EN 60950:1992+A1+A2+A3+A4+A11, CB Scheme in accordance with

IEC 60950:1991+A1:1992+A2:1993+A3:1995+A4:1996,

CB Certificate No. US-TUVR-0562

EN 60825-1:1994+A11, EN 55022:1998, EN 55024:1998,

EN 61000-3-2:1995+A1:1997+A2:1998, EN 61000-3-3:1995,

IEC 61000-4-2:1995+A1:1998,

IEC 61000-4-3:1995+A1:1998, IEC 61000-4-4:1995, IEC 61000-4-5:1995,

IEC 61000-4-6:1996, IEC 61000-4-8:1993, and IEC 61000-4-11:1994

(title and/or and number and date of issue of the standard(s) or other normative document(s))

(if applicable) following the provisions of 73/23/EEC, 89/336/EEC Directive(s).

Mobile, Alabama, USA—September, 2000

(place and date of issue)

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